

## INTERNATIONAL SEARCH REPORT

Intern:

Application No

PCT/IB2004/051339

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 G11B20/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 2004/023474 A (MATSUSHITA ELECTRIC IND CO LTD) 18 March 2004 (2004-03-18) abstract page 1, line 4 - page 3, line 1 page 117, line 10 - page 162, line 10 figures 52-64 -----	1-13
A	EP 0 851 418 A (TOKYO SHIBAURA ELECTRIC CO) 1 July 1998 (1998-07-01) abstract column 1, line 3 - line 22 column 8, line 11 - column 12, line 25 column 14, line 28 - column 16, line 54 figures 1-12 ----- -/-	1, 11-13

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## ° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

Date of mailing of the International search report

18 October 2004

16/03/2005

Name and mailing address of the ISA  
 European Patent Office, P.B. 5818 Patenlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Sucher, R

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 187 390 A (SONY CORP) 13 March 2002 (2002-03-13) cited in the application the whole document -----	1,11-13
P,A	EP 1 388 857 A (PIONEER CORP) 11 February 2004 (2004-02-11) abstract paragraphs '0001! - '0007! paragraphs '0049! - '0108! figures 1-6 -----	1,11-13

## INTERNATIONAL SEARCH REPORT

Inter

Application No

PCT/IB2004/051339

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 2004023474	A	18-03-2004	EP	1459317 A2		22-09-2004
			WO	2004023474 A2		18-03-2004
			JP	2004118830 A		15-04-2004
			US	2004076404 A1		22-04-2004
EP 0851418	A	01-07-1998	CN	1186298 A		01-07-1998
			EP	0851418 A2		01-07-1998
			JP	11110914 A		23-04-1999
			KR	264313 B1		16-08-2000
			TW	412734 B		21-11-2000
			US	6141483 A		31-10-2000
EP 1187390	A	13-03-2002	JP	2001352321 A		21-12-2001
			AU	4470901 A		23-10-2001
			EP	1187390 A1		13-03-2002
			NO	20015908 A		05-02-2002
			CA	2372510 A1		18-10-2001
			CN	1383644 T		04-12-2002
			CN	1383646 T		04-12-2002
			EP	1185021 A1		06-03-2002
			WO	0178298 A1		18-10-2001
			WO	0178299 A1		18-10-2001
			JP	2002077131 A		15-03-2002
			TW	518871 B		21-01-2003
			US	2002136411 A1		26-09-2002
			US	2003076958 A1		24-04-2003
EP 1388857	A	11-02-2004	EP	1388857 A1		11-02-2004
			JP	2004127486 A		22-04-2004
			US	2004067045 A1		08-04-2004